Secure Digital Card

Storage Capacities:
32, 64, 128, 256, 512 megabytes, 1 Gigabyte (unformatted)

Technical Specification
Specification : SD1.01
Dimension:32mm(L) x24mm(W) x2.1mm(H)
Operating voltage :2.7V – 3.6V
Operating temperature:-0°C – 70°C
Storage temperature :-10°C – 80°C
Low power consumption for portable device.
-Sleep current < 20uA
-Read operation < 40mA
-Write operation < 40mA
Security level complies with Secure Digital Music Initiative (SDMI) portable device spec.

Feature
High Speed:

Sustained write performance (host to flash)
1X=150KB/sec. 32X=4.8MB/sec 45X=6.75MB/sec 60x=9MB/sec

Data transfer rate to/from host Up to 10 MB/sec. (burst)

Excellent Reliability and Compatibility
Security CPRM(Content Protection Recordable Media) support
Support SPI mode
Support Data Stream Read, Stream Write
Supprt Lock / Unlock command
Support Write Protect command
Support Erase command
High Storage Capacity: Up to 1GByte
Support Two ECC circuits to protect data communication
-Reed Solomon code (1 bits ECC)
-Hamming code (1 bit ECC)
Compact for Portability

Certifications
Emissions FCC part 15, VCCI, CE

Bestell-Nr.:/Order No.: MSXXXSDC010

the Speed you Need

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